

ABSTRACT OF THE DISCLOSURE

5 A technique for translating addresses in a communication network having multiple
overlapping address domains involves mapping an overlapping local address from a first address
domain to a unique global address that is specific to a second address domain. The unique global
address is used by any device in the second address domain to reference the device in the first
address domain having the overlapping local address. Furthermore, a packet sent from a source
host in the first address domain to a destination host in the second address domain requires at
least a source address translation in order to translate the source host local address used within
the first address domain into a source host global address that is used within the second address
domain, and may also require a destination address translation in order to translate the destination
host global address used within the first address domain into a destination host local address used
within the second address domain.

10
662220-0161220